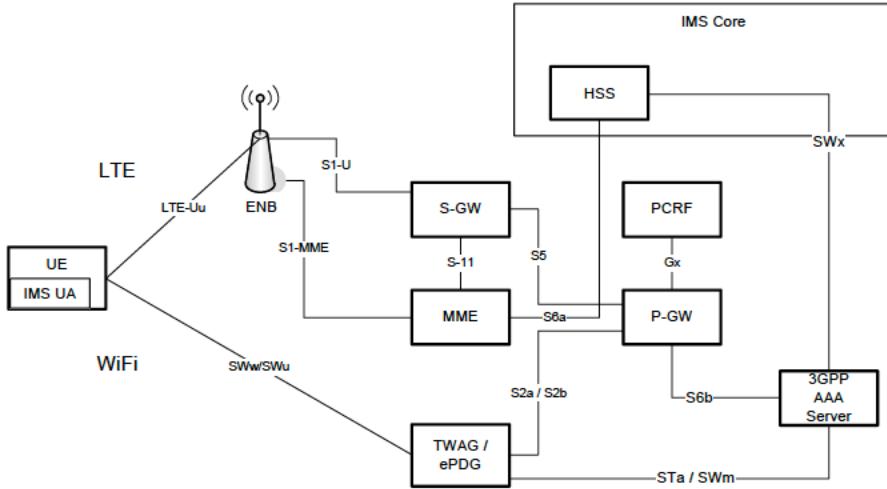
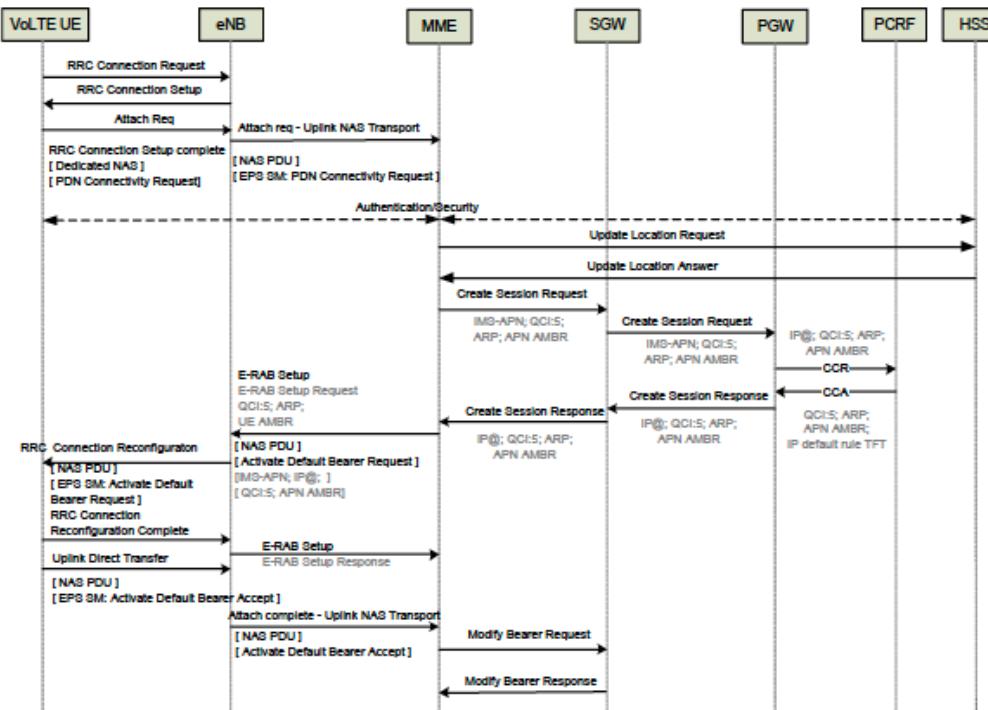


EXHIBIT 13

U.S. Patent No. 7,130,625

Claim 16	Identification: T-Mobile Cellular with WiFi Calling
<p>16[pre] A universal wireless access gateway comprising:</p>	<p>The T-Mobile system includes a universal wireless access gateway.</p>  <p>Figure 44: HO Architecture Wi-Fi <-> LTE</p> <p><u>Source:</u> VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.</p> <p>Wi-Fi Calling from T-Mobile</p> <p>Wi-Fi Calling lets you call or text on Wi-Fi networks with your T-Mobile phone number, extending your coverage and keeping you connected! Be aware these details are only for T-Mobile Wi-Fi Calling. Calling and messaging from other apps (Skype, WhatsApp, Google Voice, etc.) may work over Wi-Fi or cellular data, but you must contact the app developer for help or billing.</p> <p><u>Source:</u> https://www.t-mobile.com/support/coverage/wi-fi-calling-from-t-mobile</p>

	<p><i>See also 16[a]-16[c] below.</i></p> <p>16[a] a shared component;</p> <p>The T-Mobile system includes a shared component, for example, at least the HSS.</p> <pre> graph LR UE[UE IMS UA] -- "LTE-Uu" --> ENB((ENB)) UE -- "SWw/SWu" --> WiFi[WiFi] WiFi -- "TWAG / ePDG" --> TWAG[TWAG / ePDG] ENB -- "S1-U" --> SGW[S-GW] ENB -- "S1-MME" --> MME[MME] SGW -- "S6a" --> PGW[P-GW] MME -- "S6" --> PCRF[PCRF] MME -- "S2a / S2b" --> TWAG PGW -- "Gx" --> AAA[3GPP AAA Server] AAA -- "STa / SWm" --> HSS[HSS] HSS -- "SWx" --> SGW </pre> <p>Figure 44: HO Architecture Wi-Fi <-> LTE</p> <p><u>Source:</u> VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.</p>
--	---



Source: VoLTE Service Description and Implementation Guidelines Version 2.0 07
October 2014

16[b] a first environment access module that communicates with the shared component to enable access to a first network using a first wireless access technology; and

The T-Mobile system includes a first environment access module, for example, at least the MME, that communicates with the shared component to enable access to a first network using a first wireless access technology (such as cellular access).

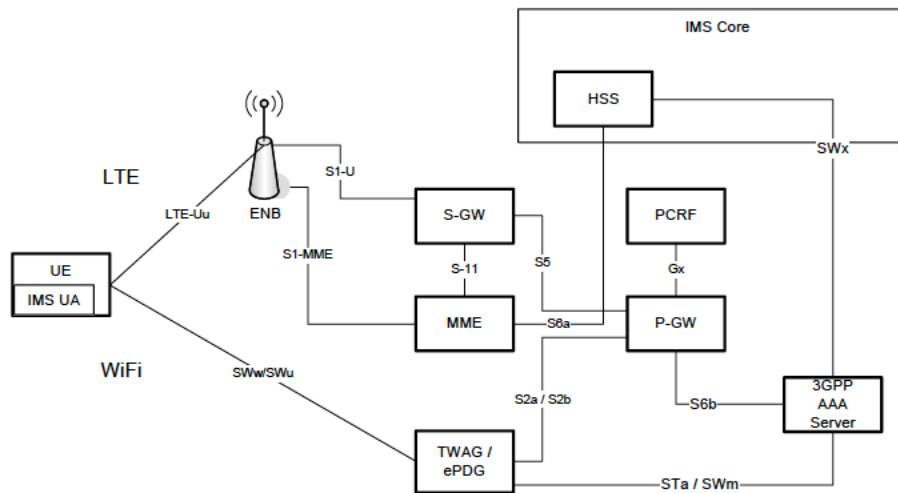
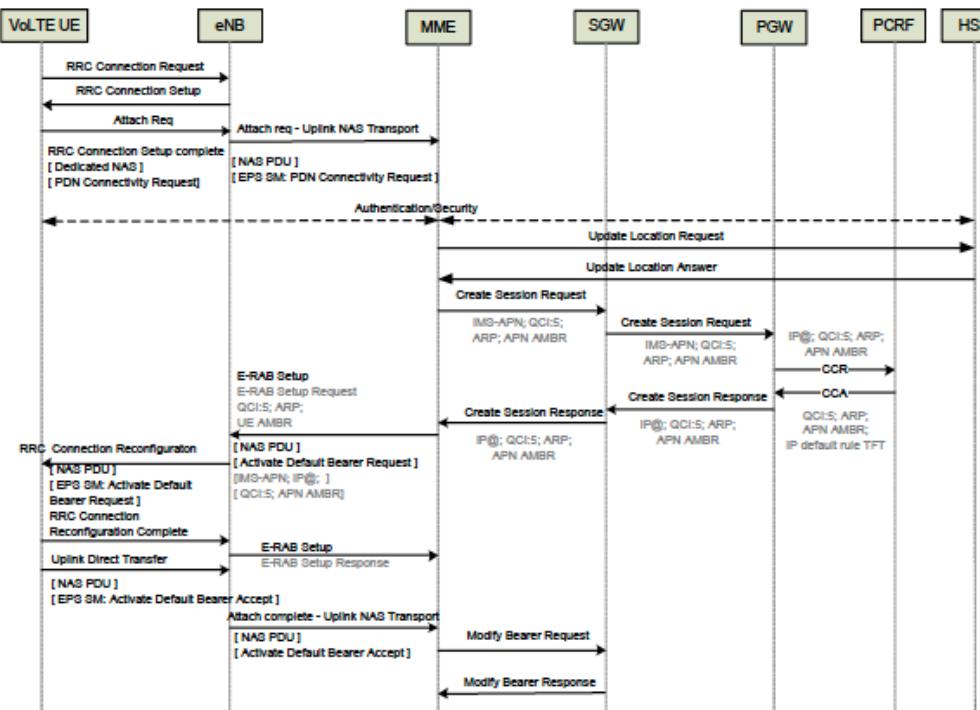


Figure 44: HO Architecture Wi-Fi <-> LTE

Source: VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.



Source: VoLTE Service Description and Implementation Guidelines Version 2.0 07
October 2014

16[c] a second environment access module that communicates with the shared component to enable access to a second network using a second wireless access technology that differs from the first wireless access technology.

The T-Mobile system includes a second environment access module, for example, at least the 3GPP AAA Server, that communicates with the shared component to enable access to a second network using a second wireless access technology (such as Wi-Fi) that differs from the first wireless access technology (such as cellular).

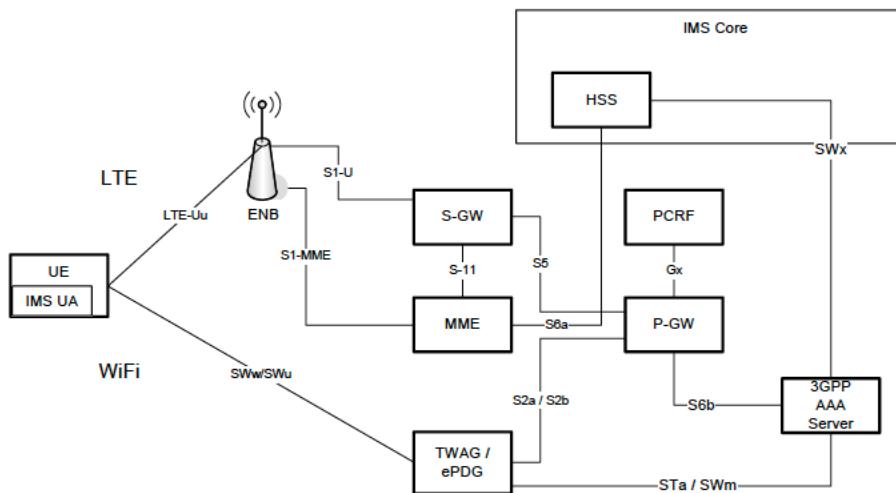
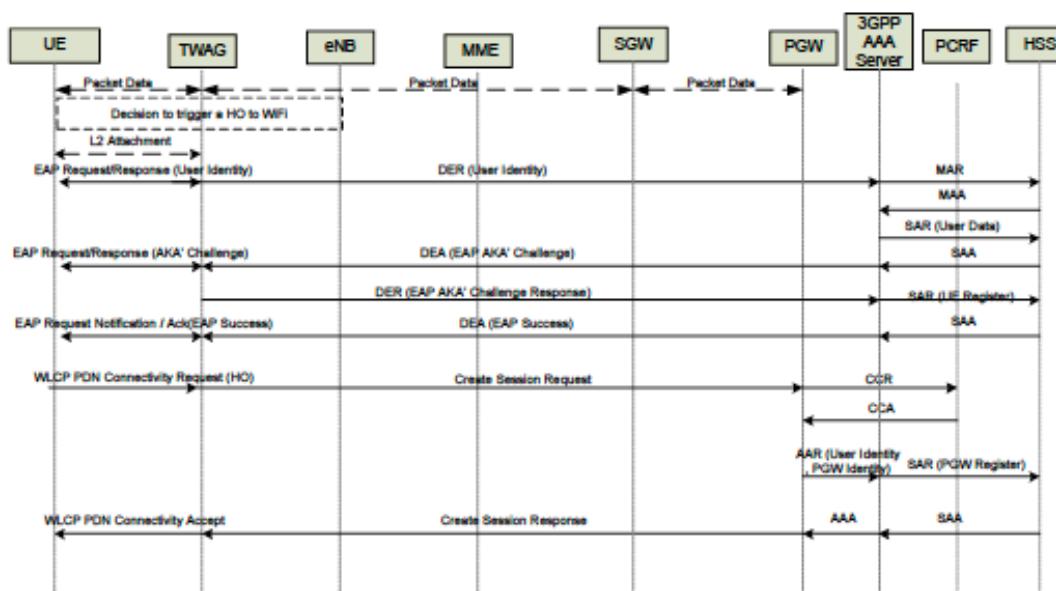


Figure 44: HO Architecture WiFi <-> LTE

Source: VoWiFi Service Description, Version 1.0, 03 March 2015 - GSM Association, Official Document V2020.02 - VoWiFi Service Description.



6.3.3 Detailed Description

The UE detects the Wi-Fi network and determines to perform a handover from LTE to Wi-Fi.

Source: VoWiFi Service Description _ Version 1.0, 03 March 2015 - GSM Association,
Official Document V2020.02 - VoWiFi Service Description